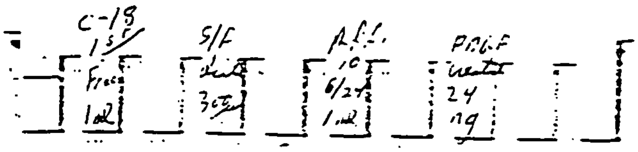
EXHIBIT A

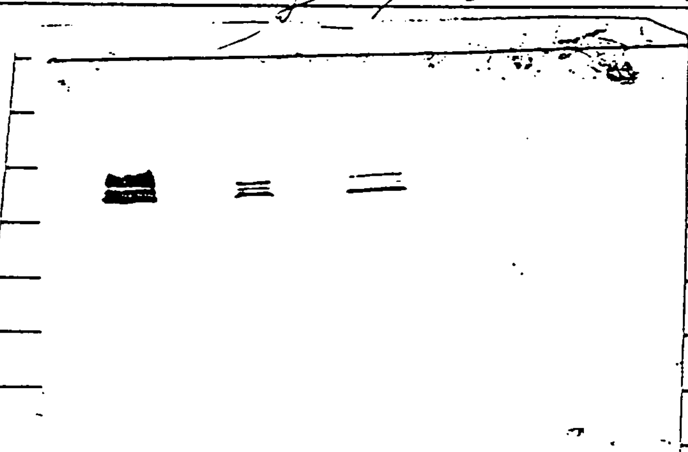


Hep Seph / C-18 column of [illegible]
all dat [illegible] - 1st fraction [illegible] (was 1.5 ml)
3 tubes of 500µl each dry vaced
1 tube resuspended in 40µl 5 mM HCl + 40µl sample buffer
ran 20µl on well #2

HUVE S/F media dialyzed against 1 N HAc then 0.1 N HAc for total of 24 hrs.
500µl tubes dry vaced. resuspended 1 tube in 20µl 5 mM HCl plus 20µl sample buffer
used 20µl in well #4

HUVE S/F media Hep Seph / Aff. 10 2PAEE column of [illegible] 40 ml → 4 ml in 2nd fract.
took 500µl of 2nd fraction + dry vaced.
resuspended 1 tube in 40µl 5 mM HCl + 40µl sample buffer. Ran 20µl on gel well # 6

PDGF is 24 ng of Creative Bio supplied.



ROGRAM #: 7
EGION A: LL-UL= 0- 19 LCR= 0 BKG= 0 % 2 SIGMA= .2
EGION B: LL-UL= 2- 19 LCR= 0 BKG= 0 % 2 SIGMA= .2
IME= 1.00 QIP= SIS SCR= B/A K= 1.000

#	S#	TIME	CPMA/K	%DEV	CPMB/K	%DEV	QIP	FLAGS	SCR	MIN
	1	1.00	30651	1.14	29698	1.16	16.0	3?	.969	1
	2	1.00	13446	1.72	12950	1.76	15.9	3?	.963	3
	3	1.00	15974	1.58	15408	1.61	15.8	3?	.965	4
	4	1.00	11639	1.85	11190	1.89	15.9	3?	.961	5
	5	1.00	3431	3.41	3249	3.51	14.8	3?	.947	6
	6	1.00	10127	1.99	9795	2.02	16.1	2?	.967	8
	7	1.00	60448	.81	58777	.82	16.4	3?	.972	9
	8	1.00	39864	1.00	38734	1.02	16.4	2?	.972	10
	9	1.00	45614	.94	44348	.95	16.5	2?	.972	11
	10	1.00	26545	1.23	25769	1.25	16.4	2?	.971	13
	11	1.00	39883	1.00	38761	1.02	16.4	2?	.972	14
	12	1.00	33284	1.10	32354	1.11	16.5	2?	.972	15
	13	1.00	38947	1.01	37927	1.03	16.6	2?	.974	17
	14	1.00	35602	1.06	34699	1.07	16.5	2?	.975	18
	15	1.00	17644	1.51	17141	1.53	16.3	2?	.971	19
	16	1.00	20121	1.41	19548	1.43	16.3	2?	.972	20
	17	1.00	21141	1.38	20512	1.40	16.4	2?	.970	22
	18	1.00	3135	3.57	2983	3.66	15.8	2?	.952	23
	19	1.00	3549	3.36	3377	3.44	15.9	2?	.952	24
	20	1.00	2101	4.36	1982	4.49	15.5	2?	.943	25

le
100µl
/c µl cent
ed as 1

HUVE S/F media from 6/23 column Hep Seph + C-18
1st fraction first 500µl (out of 1.5ml fraction) tube
dried down resuspended 10µl - 1 sample
resuspend 500µl tube in 20µl - 10µl, 5µl, 2µl

HUVE S/F media from [illegible] column Hep Seph + C-18
2nd fraction 500µl - resuspended in 10µl - 1 sample

[Refer to westerns of [illegible] for blots of above samples]

Mito Assay

1 Affi 10 6/24 500 µl	2 Affi 10 6/24 500 µl [illegible] 20-12	3 Affi 10 6/24 [illegible] 20-6	4 Affi 10 6/24 20-2	5 Affi 10 6/21 Fractions 2, 3, 4 12-10 µl	6 Affi 10 6/21 Fractions 2, 3, 4 12-2 µl
7 HUVE S/F HAC dialyzed 500 µl	8 HUVE S/F HAC dialyzed 500 µl	9 HUVE S/F C-18 6/23 1st frac 500 µl	10 HUVE S/F C-18 6/23 500 µl 20-12 µl	11 HUVE S/F C-18 6/23 500 µl 20-6 µl	12 HUVE S/F C-18 6/23 500 µl 20-2 µl
13 HUVE S/F 6/23 C-18 2nd frac 500 µl	14 Crude 10 ng	15 Crude 5 ng	16 Crude 5 ng	17 Crude 2 ng	18 Blank
19 Blank	20 Blank	21	22	23	24

G/F on at 5:00p

Mutagenic Assay NRK cells (1:4 plated)

HUVE S/F RFA: 10 2nd fraction 6/24 500µl Tube resuspended in 10µl 5mM HCl - this used as 1 sample 500µl Tube resuspended in 20µl - used as 12µl, 6µl, 2µl, ~~5µl~~ samples

HUVE S/F RFA: 10 from 1 fraction 2, 3, 4 - 100µl from each fraction isolated and dry-vaced. resuspended this in 12µl - used as 6µl and 2µl samples.

HUVE S/F HAc dialyzed 500µl dialyzed media resuspended in 20µl 5mM HCl - used as 1 sample

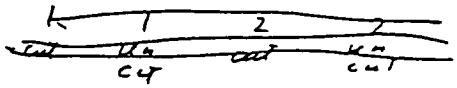
HUVE S/F media from 6/23 column Hep Sepb + C-18 1st fraction test 500µl (out of 1.5ml fraction) Tube dried down resuspended 10µl - 1 sample resuspended 500µl Tube in 20µl - 10µl, 5µl, 2µl

HUVE S/F media from 6/23 column Hep Sepb + C-18 2nd fraction 500µl - resuspended in 10µl - 1 sample

Refer to written of + = for hits of above samples

KS⁻ DB60 R 32 clones 1, 2, 3, 4

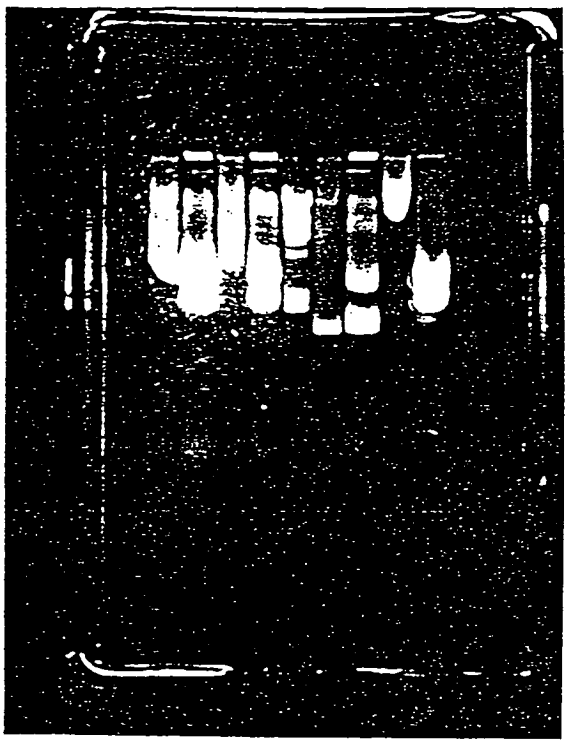
Eco RI Hx cut of insert



1	1	2	2	Hin	3	3	4	4
Hin cut	cut	Hin cut	cut	1µg	uncut	cut	uncut	cut
2µl	5µl	2µl	5µl		2µl	5µl	2µl	5µl

picked this clone to grow up + subclone into M13

Southern
Probed w/
λgt11 DB60
fragment



Nitrocellulose
Blot

DB60 R32 - clone selected from Huve cDNA λgt11 library by screening w/ DB60 EcoRI fragment picked in 1st screen w/ α PDGF antibody

insert cut from λgt11, ~~p~~ subcloned into KS⁻ bluescript plasmid

grown up in 50 ml of NM522 cells, plasmid prep of 50 mls, ran 10 µg on low melt gel + cut out EcoRI fragment. Ran over Elutip column (very hard to push low salt well through, too much agarose, need smaller slice)

Fragment run on gel w/ marker

Fragment size is